

REMARKS

Reconsideration of this application, in view of the foregoing amendments and the following remarks, is respectfully requested.

Claim Objections

As to claims 1 and 3, the Examiner has suggested changing "an input signal" changing to "the oversampled signal". Applicants respectfully disagree. Applicants believe that "an input signal" adequately describes the claimed invention as explained in the specification. Therefore, Applicants respectfully request the withdrawal of the objection.

As to claim 3 and 7, "a width" has been replaced with "the width" as suggested by the Examiner.

As to claim 10, line 2, "scale" is changed to "variable scale"; however, applicants believe that "said determined width" clearly relates to "determining a width" as recited in claim 1. Therefore, Applicants respectfully request the withdrawal of this objection.

As to claim 11, line 1, "over-sampled" has been changed to "oversampled" as suggested.

As to claim 12, line 1, Applicants believe that "application of" properly refers to "to apply" as recited in claim 11. Therefore, Applicants respectfully request this withdrawal of the objection.

As to claim 14, line 1, "said first shaping" has been changed to "said variable width first shaping" as suggested.

Claim Rejections under 35 USC §112

Claims 20-22 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. Applicants respectfully traverse these rejections.

The Examiner has stated that in claim 20, line 16, "a variable scale cancellation signal subsequent to application of said first shape modifier" is not described in the specification. Applicants respectfully disagree. The specification on page 15, lines 5-14 clearly describe the variable scale cancellation. Specifically, on lines 9-10, the specification refers to variable scaling determined from the width measurement in the transmission portion corresponding to the variable width of transmit shape. Accordingly, the specification adequately describes the subject matter of claim 20. Applicants respectfully request the withdrawal of the rejection of claim 20 under 35 U.S.C. §112, first paragraph.

Claims 1-19, and 21-22 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicants respectfully traverse these rejections.

As to claims 1 and 4, claim 4 has been amended to further clarify the variable width of the first shaping response. Applicants respectfully request the withdrawal of the rejection of claims 1 and 4 under 35 U.S.C. §112, second paragraph.

Claim 11 has been amended to correct the antecedent basis for "said first peak". Applicants respectfully request the withdrawal of the rejection of claim 11 under 35 U.S.C. §112, second paragraph.

Claim 12 has been amended to correct the antecedent basis for "said first peak portion". Applicants respectfully request the withdrawal of the rejection of claim 12 under 35 U.S.C. §112, second paragraph.

Claim 19 has been amended to correct the antecedent basis for "said second shaping response variable width". Applicants respectfully request the withdrawal of the rejection of claim 19 under 35 U.S.C. §112, second paragraph.

Claim 21 has been amended to correct the antecedent basis for "said detector." Applicants respectfully request the withdrawal of the rejection of claim 21 under 35 U.S.C. §112, second paragraph.

Claim 22 has been amended to correct the antecedent basis for "said estimated first peak portion width." Applicants respectfully request the withdrawal of the rejection of claim 22 under 35 U.S.C. §112, second paragraph.

Applicant believes this application and the claims herein to be in a condition for allowance. Should the Examiner have further inquiry concerning these matters, please contact the below named attorney for Applicant.

Respectfully submitted,



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